

DETAILED ACTION

Response to Arguments

Applicant's arguments, see applicant's remark, filed 4/4/2011, with respect to the objection of drawing, the 112th rejection and the art rejection have been fully considered and are persuasive. The rejections of claims 70,72,73,77-82,103-112 and 114-116 have been withdrawn.

Allowable Subject Matter

Claims 70,72,73,77-82,103-112 and 114-116 are allowed.

The following is an examiner's statement of reasons for allowance: the prior art of record either taken singularly or in combination fails to disclose the invention as claimed. In particular, references to Wu's 048, Scott's 682 and Gektin's 315 are the closest prior art but fail to disclose that the reservoir comprising an upper chamber and a lower chamber, the upper chamber and the lower chamber being separate chambers that are fluidly coupled together by an inlet passage and an outlet passage, the inlet passage being a passage that directs the cooling liquid from the upper chamber to the lower chamber and the outlet passage being a passage that directs the cooling liquid from the lower chamber to the upper chamber, the lower chamber having a recessed cavity and the impeller positioned within the recesses cavity of the lower chamber such that a bottom face of the impeller faces an inside surface of the heat exchange interface, in combination with other limitations of the claims. Reference to Wu does not disclose any inlet and outlet passage to connect the upper and the lower chamber.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tho v. Duong whose telephone number is 571-272-4793. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tyler J. Cheryl can be reached on 571-272-4834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Tho v Duong/
Primary Examiner, Art Unit 3744